

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Mechanics, Installers, and Repairers \(49-1011\)](#)

Associated Occupation: [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.0	19.8	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	9.5	8.9	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	9.1	12.2	>>	Current knowledge level is likely more than sufficient
Design	5.2	8.2	9.1	>	Current knowledge level is likely sufficient
Building and Construction	4.0	6.9	9.3	>>	Current knowledge level is likely more than sufficient
Chemistry	4.8	6.8	5.6	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 31

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	10.8	10.1	0	Current skill level may be sufficient
Equipment Maintenance	3.5	10.7	10.1	0	Current skill level may be sufficient
Operation and Control	5.4	10.5	8.5	<	A higher skill level may be required
Quality Control Analysis	5.9	10.0	11.6	>	Skill level is likely sufficient
Repairing	3.4	9.4	10.0	0	Current skill level may be sufficient
Troubleshooting	4.5	9.3	10.4	>	Skill level is likely sufficient
Equipment Selection	3.3	8.7	7.5	<	A higher skill level may be required

Installation	1.7	5.8	3.4	<<	Extensive development of skills in this area may be required
Technology Design	2.6	5.8	2.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 50			
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	13.4	5.3	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.4	8.7	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.6	6.3	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.1	6.2	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.1	9.7	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.5	4.5	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.4	3.8	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.5	4.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 61	
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)			
Work Activities		Exclusivity of Activity	
Inspect machinery or equipment to determine adjustments or repairs needed		42	
Read blueprints		10	
Read work order, instructions, formulas, or processing charts		9	
Understand service or repair manuals		40	
Understand technical operating, service or repair manuals		6	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.